

A DEVICE FOR PURIFYING THE EXHAUST GAS OF AN INTERNAL
COMBUSTION ENGINE

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ABSTRACT OF THE DISCLOSURE

10 A device for purifying the exhaust gas of an
internal combustion engine is disclosed. The device
includes a particulate filter arranged in the exhaust
system, which carries a catalyst for absorbing and
reducing NO_x. The catalyst absorbs NO_x when the air-
15 fuel ratio in the surrounding atmosphere thereof is
lean and releases the absorbed NO_x to purify NO_x by
reduction when the air-fuel ratio is stoichiometric or
rich. The device further includes a catalytic
20 apparatus for purifying NO_x arranged in the exhaust
system upstream of the particulate filter, which has
an oxidation function.